

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas CLOSSEK, et al.
Title: METHODS FOR DIAGNOSIS AND TREATMENT OF MDK1
SIGNAL TRANSDUCTION DISORDERS
Prior Appl. No.: 08/438,265
Prior Appl. Filing Date: May 9, 1995
Examiner: Unassigned
Art Unit: Unassigned

31000 U.S. PTO
10/073064
02/12/02

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

Applicant submits herewith on Form PTO-1449 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 08/438,265 filed 05/09/1995. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.



TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before receipt of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

The relevance of the documents is explained in the parent application.

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date

2/12/02

By

FOLEY & LARDNER
Customer Number: 22428



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PATENT TRADEMARK OFFICE

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Attorney for Applicant
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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DO. ET N.
38602-164SERIAL NO.
08/438,265APPLICANT:
Thomas Ciossek et al.FILING DATE:
05/09/1995GROUP:
1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	4	3	3	0	4	4	0	05/18/82	Ayers et al.			
	AB	4	3	7	6	1	1	0	03/08/83	David et al.			
	AC	4	1	9	5	1	2	8	03/25/80	Hildebrand et al.			
	AD	4	2	4	7	6	4	2	01/27/81	Hirohara et al.			
	AE	4	2	2	9	5	3	7	10/21/80	Hodgins et al.			
	AF	3	9	6	9	2	8	7	07/13/76	Jaworek et al.			
	AG	4	9	4	6	7	7	8	08/07/90	Ladner et al.			
	AH	3	6	9	1	0	1	6	09/12/72	Patel et al.			
	AI	4	9	4	5	0	5	0	07/31/90	Sanford et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
	AJ	9	3	2	3	5	6	9	25.11.93	WO/PCT (Draper et al.)			YES	NO
	AK	9	3	2	3	4	2	9	25.11.93	WO/PCT (Stacker et al.)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AL	Aaronson, "Growth Factors and Cancer," <u>Science</u> 254:1146-1153 (1991)
	AM	Abe et al., "Molecular Characterization of a Novel Metabotropic Glutamate Receptor mGluR5 Coupled to Inositol Phosphate/Ca ²⁺ Signal Transduction," <u>J. Biol. Chem.</u> 267:13361-13368 (1992)
	AN	Adelman et al., "In Vitro Deletional Mutagenesis for Bacterial Production of the 20,000-Dalton Form of Human Pituitary Growth Hormone," <u>DNA</u> 2(3):183-193 (1983)
	AO	Basler and Hafen, "Ubiquitous Expression of <i>sevenless</i> : Position-Dependent Specification of Cell Fate," <u>Science</u> 243:931-934 (1989)
	AP	Benoist and Chambon, "In vivo sequence requirements of the SV40 early promoter region," <u>Nature</u> 290:304-310 (1981)
	AQ	Bird et al., "Single-Chain Antigen-Binding Proteins," <u>Science</u> 242:423-426 (1988)
	AR	Bitter et al., "Expression and Secretion Vectors for Yeast," <u>Methods in Enzym.</u> 153:516-544 (1987)
	AS	Böhme et al., "PCR mediated detection of a new human receptor-tyrosine-kinase, HEK 2," <u>Oncogene</u> 8:2857-2862 (1993)
	AT	Brinster et al., "Factors Affecting the Efficiency of Introducing Foreign DNA into Mice by Microinjecting Eggs," <u>Proc. Natl. Acad. Sci. USA</u> 82:4438-4442 (1985)
	AU	Capecchi, "Altering the Genome by Homologous Recombination," <u>Science</u> 244:1288-1292 (1989)
	AV	Chabot et al., "The proto-oncogene <i>c-kit</i> encoding a transmembrane tyrosine kinase receptor maps to the mouse <i>W</i> location," <u>Nature</u> 335:88-89 (1988)

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J1000 U.S. PTO
10/073064

02/12/02

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOC. NO. 38602-164	SERIAL NO. 08/438,265
	APPLICANT: Thomas Ciossek et al.	
	FILING DATE: 05/09/1995	GROUP: 1642

AW	Chan and Watt, "eek and erk, new members of the eph subclass of receptor protein-tyrosine kinases," <u>Oncogene</u> 6:1057-1061 (1991)
AX	Chen and Okayama, "High-Efficiency Transformation of Mammalian Cells by Plasmid DNA," <u>Mol. and Cell. Biol.</u> 7(8):2745-2752 (1987)
AY	Chomczynski and Sacchi, "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction," <u>Analytical Biochemistry</u> 162:156-159 (1987)
AZ	Chowdhury et al., "Long-term Improvement of Hypercholesterolemia After <i>Ex Vivo</i> Gene Therapy in LDLR-Deficient Rabbits," <u>Science</u> 254:1802-1805 (1991)
BA	Ciossek et al., "Identification of alternatively spliced mRNAs encoding variants of MDK1, a novel receptor tyrosine kinase expressed in the murine nervous system," <u>Oncogene</u> 10(1):97-108 (1995)
BB	Colbère-Garapin et al., "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells," <u>J. Mol. Biol.</u> 150:1-14 (1981)
BC	Cole et al., "The EBV-Hybridoma Technique and its Application to Human Lung Cancer," pp. 77-96 in <u>Monoclonal Antibodies and Cancer Therapy</u> eds. Reisfeld and Sell, Alan R. Liss, Inc., New York (1985)
BD	Creighton, <u>Proteins: Structures and Molecular Principles</u> pp. 79-86, W.H. Freeman and Co., New York, (1983)
BE	Cristiano et al., "Hepatic Gene Therapy: Adenovirus Enhancement of Receptor-Mediated Gene Delivery and Expression in Primary Hepatocytes," <u>Proc. Natl. Acad. Sci. USA</u> 90:2122-2126 (1993)
BF	Curiel et al., "Adenovirus Enhancement of Transferrin-polylysine-mediated Gene Delivery," <u>Proc. Natl. Acad. Sci. USA</u> 88:8850-8854 (1991)
BG	Curiel et al., "Gene Transfer to Respiratory Epithelial Cells via the Receptor-mediated Endocytosis Pathway," <u>Am. J. Respir. Cell. Mol. Biol.</u> 6:247-252 (1992)
BH	Domchek et al., "Inhibition of SH2 Domain/Phosphoprotein Association by a Nonhydrolyzable Phosphonopeptide," <u>Biochemistry</u> 31:9865-9870 (1992)
BI	Ellis et al., "Embryo Brain Kinase: a novel gene of the eph/elk receptor XP002002321 tyrosine kinase family," <u>EMBL Database entry MMBEK</u> , Accession number X81466, September 16, 1994)
BJ	Fantl et al., "Distinct Phosphotyrosines on a Growth Factor Receptor Bind to Specific Molecules That Mediate Different Signaling Pathways," <u>Cell</u> 69:413-423 (1992)
BK	Feinberg and Vogelstein, "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity," <u>Analytical Biochemistry</u> 132:6-13 (1983)
BL	Felder et al., "SH2 Domains Exhibit High-Affinity Binding to Tyrosine-Phosphorylated Peptides Yet Also Exhibit Rapid Dissociation and Exchange," <u>Mol. and Cell. Biol.</u> 13(3):1449-1455 (1993)
BM	Felgner and Ringold, "Cationic liposome-mediated transfection," <u>Nature</u> 337:387-388 (1989)
BN	Felgner et al., "Lipofection: A Highly Efficient, Lipid-mediated DNA-transfection Procedure," <u>Proc. Natl. Acad. Sci. USA</u> 84:7413-7417 (1987)
BO	Fendly et al., "Characterization of Murine Monoclonal Antibodies Reactive to Either the Human or Epidermal Growth Factor Receptor or HER2/neu Gene Product" <u>Cancer Research</u> 50:1550-1558 (1990)
BP	Fingl and Woodbury, Chapter 1, pp.1-46 in <u>The Pharmacological Basis of Therapeutics</u> (5th edition), eds. Goodman et al., MacMillan Publishing Co., Inc., New York (1975)
BQ	Fry et al., "New insights into protein-tyrosine kinase receptor signaling complexes," <u>Protein Science</u> 2:1785-1797 (1993)

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BR	Geissler et al., "The Dominant-White Spotting (W) Locus of the Mouse Encodes the <i>c-kit</i> Proto-Oncogene," <u>Cell</u> 55:185-192 (1988)
BS	Gilardi-Hebenstreit et al., "An Eph-related receptor protein tyrosine kinase gene segmentally expressed in the developing mouse hindbrain," <u>Oncogene</u> 7:2499-2506 (1992)
BT	Hamer and Walling, "Regulation <i>In Vivo</i> of a Cloned Mammalian Gene: Cadmium Induces the Transcription of a Mouse Metallothionein Gene in SV40 Vectors," <u>J. of Molecular and Applied Genetics</u> 1:273-288 (1982)
BU	Hammer et al., "Spontaneous Inflammatory Disease in Transgenic Rats Expressing HLA-B27 and Human β_2m : An Animal Model of HLA-B27-Associated Human Disorders," <u>Cell</u> 63:1099-1112 (1990)
BV	Hanks et al., "The Protein Kinase Family: Conserved Features and Deduced Phylogeny of the Catalytic Domains," <u>Science</u> 241:42-52 (July 1988)
BW	Hardie, "Roles of Protein Kinases and Phosphatases in Signal Transduction," <u>Symp. Soc. Exp. Bio.</u> 44:241-255 (1990)
BX	Hirai et al., "A Novel Putative Tyrosine Kinase Receptor Encoded by the <i>eph</i> Gene," <u>Science</u> 238:1717-1720 (1987)
BY	Houdebine and Chourrout, "Transgenesis in Fish," <u>Experientia</u> 47:891-897 (1991)
BZ	Huston et al., "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ," <u>Proc. Natl. Acad. Sci. USA</u> 85:5879-5883 (1988)
CA	Inouye and Inouye, "Up-promotor mutations in the <i>lpp</i> gene of <i>Escherichia coli</i> ," <u>Nucleic Acids Research</u> 13(9):3100-3111 (1985)
CB	Jansen et al., "Immunotoxins: Hybrid Molecules Combining High Specificity and Potent Cytotoxicity," <u>Immunological Rev.</u> 62:185-216 (1982)
CC	Johnston and Hopper, "Isolation of the yeast regulatory gene <i>GAL4</i> and analysis of its dosage effects on the galactose/melibiose regulon," <u>Proc. Natl. Acad. Sci. USA</u> 79:6971-6975 (1982)
CD	Joyner et al., "Production of a mutation in mouse <i>En-2</i> gene by homologous recombination in embryonic stem cells," <u>Nature</u> 338:153-156 (1989)
CE	Kaneda et al., "The Improved Efficient Method for Introducing Macromolecules into Cells Using HVJ (Sendai Virus) Liposomes with Gangliosides," <u>Experimental Cell Research</u> 173:56-69 (1987)
CF	Kaneda et al., "Increased Expression of DNA Cointroduced with Nuclear Protein in Adult Rat Liver," <u>Science</u> 243:375-378 (1989)
CG	Killen and Lindstrom, "Specific Killing of Lymphocytes that Cause Experimental Autoimmune Myasthenia Gravis by Ricin Toxin-Acetylcholine Receptor Conjugates," <u>J. of Immunology</u> 133:2549-2553 (1984)
CH	Köhler and Milstein, "Continuous cultures of fused cells secreting antibody of predefined specificity," <u>Nature</u> 256:495-496 (1975)
CI	Kozak, "Compilation and analysis of sequences upstream from the translational start site in eukaryotic mRNAs," <u>Nucleic Acids Research</u> 12:857-873 (1984)
CJ	Kozbor and Roder, "The production of monoclonal antibodies from human lymphocytes," <u>Immun. Today</u> 4(3):72-79 (1983)
CK	Lam et al., "A new type of synthetic peptide library for identifying ligand-binding activity," <u>Nature</u> 354:82-84 (1991)
CL	Lammers, "Differential Activities of Proteins Tyrosine Phosphatases in Intact Cells," <u>J. Biol. Chem.</u> 268:22456-22462 (1993)

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CM	Letwin et al., "Novel protein-tyrosine kinase cDNAs related to <i>fps/fes</i> and <i>eph</i> cloned using anti-phosphotyrosine antibody," <u>Oncogene</u> 3:621-627 (1988)
CN	Lindberg and Hunter, "cDNA Cloning and Characterization of <i>eck</i> , an Epithelial Cell Receptor Protein-Tyrosine Kinase in the <i>eph/elk</i> Family of Protein Kinases," <u>Mol. and Cell. Biol.</u> 10:6316-6324 (1990)
CO	Logan and Shenk, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection," <u>Proc. Natl. Acad. Sci. USA</u> 81:3655-3659 (1984)
CP	Lowy et al., "Isolation of Transforming DNA: Cloning the Hamster <i>aprt</i> Gene," <u>Cell</u> 22:817-823 (1980)
CQ	Maher, "Tissue-dependent Regulation of Protein Tyrosine Kinase Activity during Embryonic Development," <u>J. Cell. Biol.</u> 112:955-963 (1991)
CR	Maisonpierre et al., "Ehk-1 and Ehk-2: two novel members of the Eph receptor-like tyrosine kinase family with distinctive structures and neuronal expression," <u>Oncogene</u> 8:3277-3288 (1993)
CS	Marasco et al., "Design, intracellular expression, and activity of a human anti-human immunodeficiency virus type 1 gp120 single-chain antibody," <u>Proc. Natl. Acad. Sci. USA</u> 90:7889-7893 (1993)
CT	McKnight, "Functional Relationships between Transcriptional Control Signals of the Thymidine Kinase Gene of Herpes Simplex Virus," <u>Cell</u> 31:355-365 (1982)
CU	Millauer, "High Affinity VEGF Binding and Developmental Expression Suggest Flk-1 as a Major Regulator of Vasculogenesis and Angiogenesis," <u>Cell</u> 72:835-846 (1993)
CV	Morrison et al., "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains," <u>Proc. Natl. Acad. Sci. USA</u> 81:6851-6855 (1984)
CW	Mulligan and Berg, "Selection for animal cells that express the <i>Escherichia coli</i> gene coding for xanthine-guanine phosphoribosyltransferase," <u>Proc. Natl. Acad. Sci. USA</u> 78(4):2072-2076 (1981)
CX	Mulligan, "The Basic Science of Gene Therapy," <u>Science</u> 260:926-932 (1993)
CY	Nelson et al., "Detection of Acridinium Esters by Chemiluminescence," <u>Nonisotopic DNA Probe Techniques</u> ed. L.J. Kricka (San Diego:Academic Press, Inc. pp. 275-310 (1992)
CZ	Neuberger et al., "Recombinant antibodies possessing novel effector functions," <u>Nature</u> 312:604-608 (1984)
DA	Nieto et al., "A receptor protein tyrosine kinase implicated in the segmental patterning of the hindbrain and mesoderm," <u>Development</u> 116:1137-1150 (1992)
DB	Nocka et al., "Expression of <i>c-kit</i> gene products in known cellular targets of <i>W</i> mutations in normal and <i>W</i> mutant mice - evidence for an impaired <i>c-kit</i> kinase in mutant mice," <u>Genes Dev.</u> 3:816-826 (1989)
DC	O'Hare et al., "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase," <u>Proc. Natl. Acad. Sci. USA</u> 78(3):1527-1531 (1981)
DD	Pasquale, "Identification of chicken embryo kinase 5, a developmentally regulated receptor-type tyrosine kinase of the Eph family," <u>Cell Regulation</u> 2:523-534 (1991)
DE	Pasquale et al., "Cek5, a Membrane Receptor-Type Tyrosine Kinase, Is in Neurons of the Embryonic and Postnatal Avian Brain," <u>J. Neuroscience</u> 12:3956-3967 (1992)
DF	Pasquale and Singer, "Identification of a developmentally regulated protein-tyrosine kinase by using anti-phosphotyrosine antibodies to screen a cDNA expression library," <u>Proc. Natl. Acad. Sci. USA</u> 88:5449-5453 (1989)

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GROUP:

1642

DG	Posada and Cooper, "Molecular Signal Integration. Interplay Between Serine, threonine and Tyrosine Phosphorylation," <u>Mol. Biol. of the Cell</u> 3:583-592 (1992)
DH	Pursel et al., "Genetic Engineering of Livestock," <u>Science</u> 244:1281-1288 (1989)
DI	Raffioni et al., "The Receptors for Nerve Growth Factor and Other Neurotrophins," <u>Annu. Rev. Biochem.</u> 62:823-850 (1993)
DJ	Redemann et al., "Anti-Oncogenic Activity of Signalling-Defective Epidermal Growth Factor Receptor Mutants," <u>Mol. and Cell. Biol.</u> 12(2):491-498 (1992)
DK	Rotin et al., "SH2 domains prevent tyrosin dephosphorylation of the EGF receptor: identification of Tyr992 as the high-affinity binding site for SH2 domains of phospholipase Cy," <u>The EMBO J.</u> 11(2):559-567 (1992)
DL	Rüther and Müller-Hill, "Easy identification of cDNA clones," <u>EMBO J.</u> 2(10):1791-1794 (1983)
DM	Sajjadi et al., "Identification of a New eph-Related Receptor Tyrosine Kinase Gene From Mouse and Chicken That is Developmentally Regulated and Encodes at Least Two Forms of the Receptor," <u>The New Biologist</u> 3:769-778 (1991)
DN	Sajjadi and Pasquale, "Five novel avian Eph-related tyrosine kinases are differentially expressed," <u>Oncogene</u> 8:1807-1813 (1993)
DO	Sanger et al., "DNA sequencing with chain-terminating inhibitors," <u>Proc. Natl. Acad. Sci. USA</u> 74:5463-5467 (1977)
DP	Santerre et al., "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells," <u>Gene</u> 30:147-156 (1984)
DQ	Schlessinger, "Signal transduction by allosteric receptor oligomerization," <u>Trends Biochem. Sci.</u> 13:443-447 (1988)
DR	Silver et al., "Amino terminus of the yeast GAL4 gene product is sufficient for nuclear localization," <u>Proc. Natl. Acad. Sci. USA</u> 81:5951-5955 (1984)
DS	Skolnik et al., "Cloning of PI3 Kinase-Associated p85 Utilizing a Novel Method for Expression/Cloning of Target Proteins for Receptor Tyrosin Kinases," <u>Cell</u> 65:83-90 (1991)
DT	Songyang et al., "SH2 Domains Recognize Specific Phosphopeptide Sequences," <u>Cell</u> 72:767-778 (1993)
DU	Sprenger et al., "The <i>Drosophila</i> gene torso encodes a putative receptor tyrosine kinase," <u>Nature</u> 338:478-483 (1989)
DV	Stephenson et al., "Platelet-derived growth factor receptor α -subunit gene (<i>Pdgfra</i>) is deleted in the mouse patch (<i>Ph</i>) mutation," <u>Proc. Natl. Acad. Sci. USA</u> 88:6-10 (1991)
DW	Stryer, Lubert, <u>Biochemistry</u> (Third Edition) W.H. Freeman & Company, New York, pp. 7-8 (1988)
DX	Szybalska and Szybalski, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait," <u>Proc. Natl. Acad. Sci. USA</u> 48:2026-2034 (1962)
DY	Takeda et al., "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences," <u>Nature</u> 314:452-454 (1985)
DZ	Ullrich and Schlessinger, "Signal Transduction by Receptors with Tyrosine Kinase Activity," <u>Cell</u> 61:203-212 (1990)
EA	Van Heeke and Schuster, "Expression of Human Asparagine Synthetase in <i>Escherichia coli</i> ," <u>J. Biol. Chem.</u> 264(10):5503-5509 (1989)
EB	Ward et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <u>Nature</u> 341:544-546 (1989)

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 038602-0164		SERIAL NO. 08/438,265	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT CIOSSEK ET AL			
				FILING DATE 05/09/1995		GROUP ART UNIT 1642	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	EC	5,521,295	05/96	Pacifici et al	536	23.4	
	ED	5,504,000	04/96	Littman et al	435	194	
	EE	5,981,246	11/99	Fox et al	435	194	
	EF	5,457,048	10/95	Pasquale et al	435	252.3	
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	EG	95/28484	10/95	WIPO			
	EH	93/00425	01/93	WIPO			
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	EI	Wicks et al, "Molecular cloning of HEK, the gene encoding a receptor tyrosine kinase expressed by human Lymphoid tumor cell lines", Proc. Natl. Acad. Sci. USA 89:1611-1615 (1992)					
	EJ	Wigler et al, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570 (1980)					
	EK	Wigler et al, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232 (1977)					
	EL	Wilson et al, "Clinical Protocol: Ex Vivo Gene Therapy of Familial Hypercholesterolemia", Human Cell Therapy 3:179-222 (1991)					
	EM	Wolff et al., "Direct Gene Transfer into Mouse Muscle In Vivo", Science 247:1465-1468 (1990)					
	EN	Wu and Wu, "Receptor-mediated in Vitro Gene Transformation by a Soluble DNA Carrier System", J. Biol. Chem. 262:4429-4432 (1987)					
	EO	Wu et al, "Characterization and Molecular Cloning of a Putative Binding Protein for Heparin-binding Growth Factors", J. Biol. Chem. 266:16778-16785 (1991)					
	EP	Yang et al, "In Vivo and In Vitro Gene Transfer to Mammalian Somatic Cells by particle Bombardment", Proc. Natl. Acad. Sci. USA 87:9568-9572 (1990)					
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							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	EQ	Zhu et al, "Systemic Gene Expression After Intravenous DNA Delivery into Adult Mice", Science 261:209-211 (1993)
	ER	P. Bork, "Powers and pitfalls in sequence analysis: the 70% Hurdle", Genome Research 10:398-400 (2000) Cold Spring Harbor Laboratory Press
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EXAMINER

DATE CONSIDERED

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